

Wichita - 113 / Var - 221

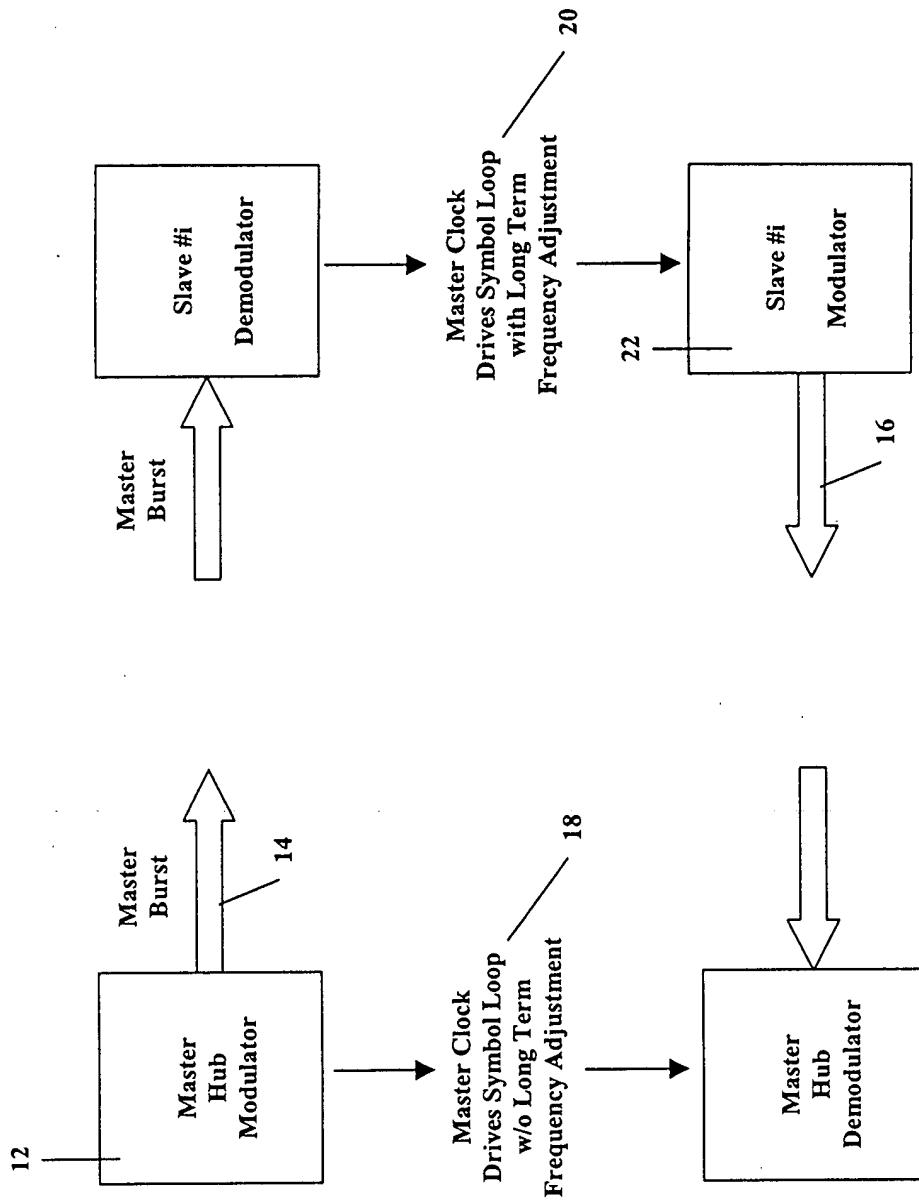


Figure 1A

10

Wiederholungs - 113 / Vorkurs - 221

Find a TM or TMA or comb of VOA & TMA

Beard Band

32

HUB BYAD

257

1

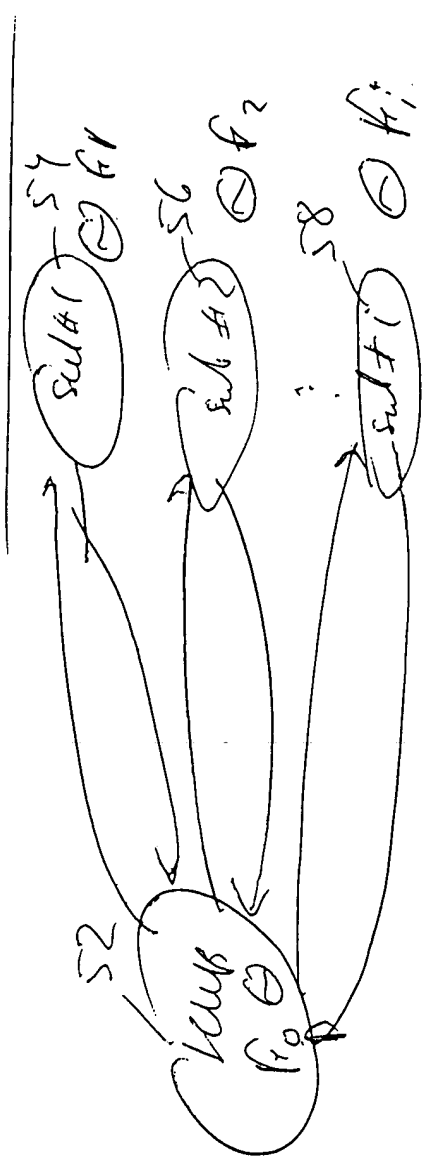
55

Y

10 confd 32 T, sub 41 36

52
Sack #2
Rings
Back

30 / F16.1B



PR. 1C

Goal $A_0 = f_1 \cap f_2 \cap f_3$

50

WILL-113/Vol-221
PROP AD

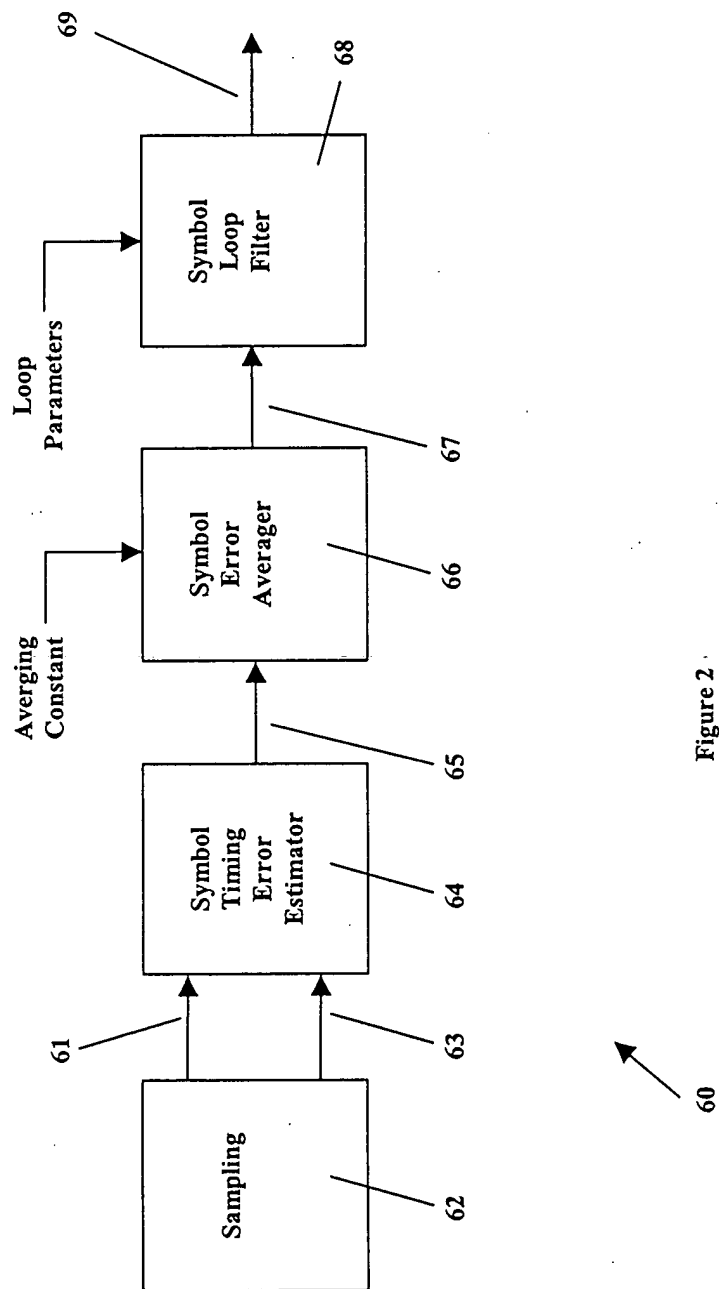
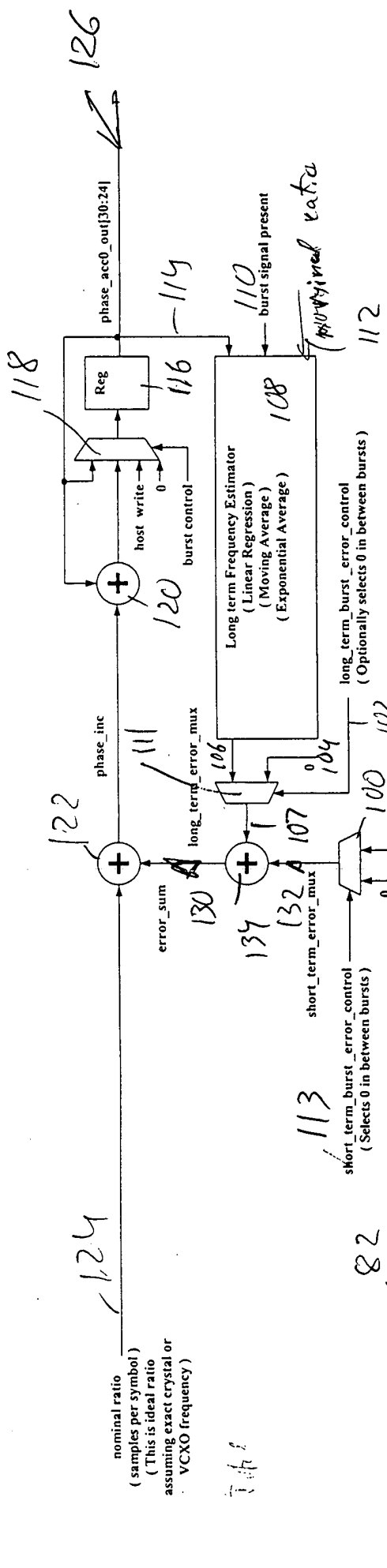


Figure 2

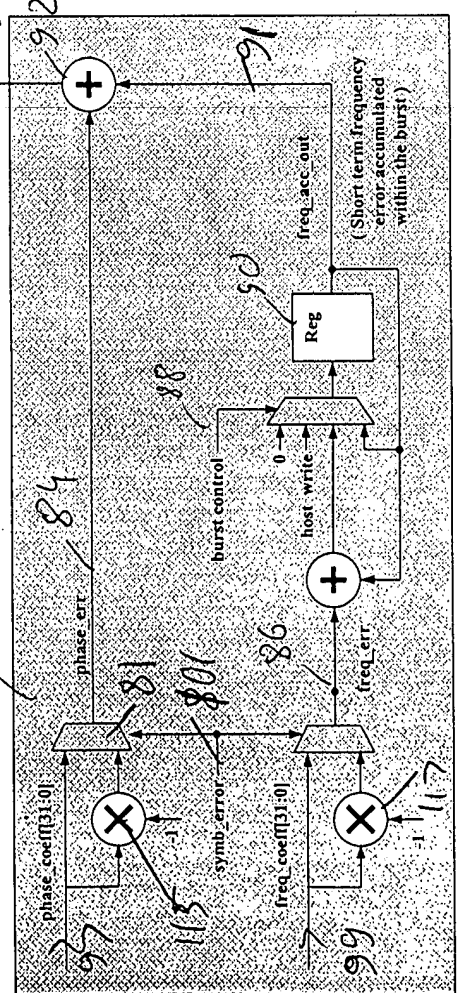
Waters - 113 / Oct - 22 /



If the long term frequency estimate is stable and the time between receive bursts is relatively low, leaving the long-term estimate on between bursts will actually result in a lower total error estimate at the beginning of the next received burst.

However, if the long term estimate is less accurate and the time between bursts is relatively long we may want to suppress long-term error updates in between bursts

In other words if the long term error is relatively recent and generally a stable value, then using the long-term error to update the phase accumulator will result in a lower initial error during the next burst



Symbol Loop Clock Signals

1. The total latency of the symbol loop filter is 2 clocks
2. The symbol latency = 2 / Nominal Ratio, where the nominal ratio is ≥ 1 and < 2

F16.3